DSP
Audio Processor

DMX108

8x8 Digital Matrix Processor

Characteristic:

- High-speed processing DSP Chip, the new generation AFC algorithm to eliminate the feedbackmore precision and agility.
- Input signal processing includesLsinusoidal signal,pink noise, white noise,AFC,signal extension processing,frequancy,compressor, AGC,Ducker,automixer.
- Output signal processing includes:matrix mixer,auto gain control,phase, frequancy,equalize PEQ,limiter,delay,RMS. Provide a complete set of audio process solution.
- 8-channel+48Vphantom power microphone/line input,8-channel circuit output;8-channel GPIO control input and 8-channel logic GPIO output. Connect with GUIinterface directly through ethernet, easy and efficient to set.
- Power off automatically save function.openRS232,RS485 Control Protocol. Receive the third-party control systems.
- Directly control the volume and call the scene through the wall panel or android phone APP.

Technical Specifications

Frequency Response	20Hz-20kHz, ±0.5dB				
Input Impedance(bal/unbal)	20k2(bal),10k2(unbal)				
Output Impedance(bal/unbal)	300k2(bal),1502(unbal)				
Maximum Input/Output Level	20dBu				
SNR(dB@A-Weighted,+4dBu)	93	92	92	91	85
Dynamic Range	109, A-Weighted				
THD+ Noise	<0.003%@unweighted,+4dBu				
Channel Separation	>92dB@1kHz,+4dBu				
CMRR	>80dB@1kHz, unity gain,+4dBu				
Circuit Gain(dB)	0	12	24	36	40
Phantom Power	+48V,10mA				
Logic Input	0~3.3V				
Logic Output	5V,10mA				
External Input Control	8 Channel,0~3.3VDCAnalog Input and Logic LevelInput Each Channel Can be connection with Logic Tragger or potentiometer				
Logic Output	8 Channel, 5V DC Logic Level Each Channel,10mA				
RS232/RS485	Baud rate 2400,4800,9600 19200,38400,57600,115200				
Internet	100M connect GUI				
Power	AC 90~260V,50-60Hz100W				
Size	482x231x45mm(WxDxH)				
Weight	3.5kg				

Outline size